

GILA RIVER BASIN

09496800 CARRIZO CREEK TRIBUTARY NEAR SHOW LOW, AZ

LOCATION.--Lat 33°57'16", long 110°19'53", Gila County, Hydrologic Unit 15060104, at U.S. Highway 60, 28 mi southwest of Show Low.

DRAINAGE AREA.--4.63 mi², of which 2.08 mi² is noncontributing.

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1963	09-09-63	655		1970	08-04-70	290	
1964	07-31-64	1,260		1971	08-00-71	930	
1965	09-03-65	286		1972	00-00-72	0	
1966	07-24-66	112		1973	10-19-72	150	
1967	07-27-67	1,090		1974	07-19-74	750	
1968	08-09-68	200		1975	10-29-74	130	
1969	11-14-68	150		1976	00-00-76	100	

Magnitude and probability of instantaneous peak flow based on period of record 1963-76

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2 50%	5 20%	10 10%	25 4%	50† 2%	100† 1%
287	660	1,020	1,620	2,180	2,850
Weighted skew	(logs) =	0.00			
Mean	(logs) =	2.46			
Standard dev.	(logs) =	0.43			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
306	1.7	5,810	90.0	3.0	20.0	1.9	4.2

